

Date	Homework/Prep	In Class Activities	Blog Post	Due
Week 1: Why Bees?				
T Aug 23		<ul style="list-style-type: none"> <li>• Introductions</li> <li>• Review Course Syllabus, Calendar, Website</li> <li>• Watch Ted Talk Maria Spivak (link on website)</li> </ul>		
Th Aug 25	<p><b>Watch: Anand Varma Ted Talk</b>                      Read: Engineering Design Ch. 1  <i>The Bees</i>, pgs 1-41</p>	Watch documentary <i>Queen of the Sun</i> in class		Link to your Digital Portfolio
Week 2: Defining the Problem				
T Aug 30	<p>Read: <i>Strategy as a Wicked Problem</i>, Harvard Business Review                      Engineering Design, Ch 3 -5                      Look: <b>Revolt They Said, Andrea Geyer</b>  <a href="http://andreageyer.info/revolttheysaid/">http://andreageyer.info/revolttheysaid/</a></p>	Discussion of documentary Discussion of Readings Mind Mapping Activity--mind map "wicked problem"	Sign up for Weekly Buzz Presentations (Blog Posts) see example on website	
Th Sept 1	<p>Read: <i>The Bees</i>, pgs 43-95                      Prepare 3 questions for Field Trip</p>	Visit Greenacres Foundation 8680 Spooky Hollow Road <a href="https://goo.gl/maps/oupNi7ZesRB2">https://goo.gl/maps/oupNi7ZesRB2</a>  Contact: Patricia Harrington Meet at 1:30pm at Clifton Court Roundabout		3 questions , note taking and documentation tools
Weeks 3 and 4: Arts Based Inquiry and Aesthetics				

T Sept 6	Read: Alva Noë, <i>What Art Unveils</i> <a href="http://nyti.ms/1PZVbPA">http://nyti.ms/1PZVbPA</a> Alva Noë, Making Art from Life <a href="http://www.npr.org/sections/13.7/2016/04/23/474717276/making-art-from-life">http://www.npr.org/sections/13.7/2016/04/23/474717276/making-art-from-life</a> Watch: Richard Feynman Ode to a Flower <a href="https://vimeo.com/55874553">https://vimeo.com/55874553</a>	Guest Lecture: Dr. Kristopher Holland: Arts Based Research, Aesthetics, and Poiesis Followed by in class discussion		
Th Sept 8	Read: <i>On Looking</i> , pgs 185-259 <i>Seeing is forgetting the name of the thing you see</i> , pgs. 207-215 Engineering Design Chapter 7	Honey tasting activity Discussion of Readings Introduce Everyday Aesthetics Assignment	Start Buzz Presentations	
T Sept 13	Read: <i>the Bees</i> , pgs 97-124	Introduction to Critique (Prezi) Share Everyday Aesthetics Response		Everyday Aesthetics Response
Th Sept 15	Watch: <i>Power of Outrospection</i> <a href="https://vimeo.com/54619039">https://vimeo.com/54619039</a> Read: Engineering Design Ch. 8	Continue Everyday Aesthetics Response Slow Art Activity with UC Public Art and/or DAAP Galleries		
Week 5: Engineering Design and Craftsmanship				
T Sept 20	Read <i>The Bees</i> , pgs. 125-148	Watch in documentary in class: <i>Being in the World</i>		Bring movie food to share
Th Sept 22	Read <i>The Bees</i> , pgs. 149-199	Discuss Movie and Present Artifacts	Buzz Presentations	Material Cultural Artifact
Week 6: Drawing and Painting				
T Sept 27	Read Engineering Design Ch. 9	In Class Drawing exercises		

		Engineering drawing Contour, blind contour drawing		
Th Sept 29	Read Engineering Design Ch. 11 <i>The Bees</i> , pgs. 201-244	Painting/Collage/Assemblage Demos and Play	Buzz Presentations	
Week 7: Lo Fidelity Prototyping the Ideal Bee				
T Oct 4	Read: Engineering Design Ch. 10 and <a href="https://www.smashingmagazine.com/2014/10/the-skeptics-guide-to-low-fidelity-prototyping/">https://www.smashingmagazine.com/2014/10/the-skeptics-guide-to-low-fidelity-prototyping/</a>	Make (lo-fidelity) prototype  Divide teams for Ideal Bee project		
Th Oct 6	Ideal Bee	Present Prototypes of Ideal Bee	Buzz Presentations	
Week 8: Final Project Planning				
T Oct 11	Lunch at Sleepy Bee Cafe, 3098 Madison Rd, Cincinnati, OH 45209 Read: Engineering Design Ch.15-16	Meet 1: 30 at Clifton Court Roundabout Introduce Final Project : what will you solve? What question will you answer? What will you make? Discuss readings		
Th Oct 13	Reading Day- no class	WORK ON YOUR OWN		
Weeks 9, 10, 11: Smartworks and 3d Modeling the Ideal Bee				
T Oct 18	Read: the Bees, pgs. 245-278 Smartworks Tutorial	Demos, Modeling, Work in Class		
Th Oct 20	Read Engineering Design Ch.14	Workshop in class, Reading Discussion		
T Oct 25	Read: <i>The Bees</i> , pgs 279-338	Workshop in class, Reading discussion	Buzz Presentations	

Th Oct 27		3d Printing Demo		
T Nov 1		Workshop in Class		
Th Nov 3		Present Ideal Bee/Critique		Ideal Bee
Week 12: Ideation, Documentation, and Presentation				
T Nov 8	Read: Edward Tufte excerpts Watch: <a href="http://www.ted.com/talks/john_bohannon_dance_vs_powerpoint_a_modest_proposal#t-24896">Dance vs. Powerpoint</a> <a href="http://www.ted.com/talks/john_bohannon_dance_vs_powerpoint_a_modest_proposal#t-24896">http://www.ted.com/talks/john_bohannon_dance_vs_powerpoint_a_modest_proposal#t-24896</a>	Final Team Project : Ideate Problem, Strategies, Methods, Techniques, Presentation		
Th Nov 10		Final Project work in class		
Week 13: Self Reflection				
T Nov 15	Read: Engineering Design Ch.17	Final Project work in class		
Th Nov 17		Final Project work in class		
Weeks 14, 15: Final Project and Presentations				
T Nov 22		Final Project work in class		
Th Nov 24	Thanksgiving Break-no class			
T Nov 29		Final Project Presentations with guest critics		
Th Dec 1	Final Project Presentations (with guest critics)			
Exam week	No Final Exam	Peer, Self, and Course Assessments due		

\*\*\*Please note activities and assignments are subject to change